

ABSTRACT OF THE DISCLOSURE

A gravimetric moisture-determination instrument which is cooled by an air stream includes a housing containing a balance and a radiant heater. The moisture content of a sample placed on the balance pan is determined by measuring the weight loss of the sample while it is being dried under the heater. The gravimetric moisture-determination instrument further includes a heat source located above the balance for heating the sample in order to evaporate the moisture from the sample, so that the moisture content can be determined from the weight loss of the sample. Between the heat source and the weighing cell of the balance, the instrument contains a device for conducting an air stream.